

88

Central Intelligence Agency

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Washington, D.C. 20505

14 September 1983

MEMORANDUM FOR: Clinton L. Noren
 Assistant Deputy Director for Programs,
 Production and Operations, DMAAC

ATTENTION: Arthur Schmieding, SDDAB

SUBJECT: Locations of Grain Storage Facilities in the
 USSR [redacted] 25X1

REFERENCE: Your letter dated 25 July 1983.

1. Attached are the listing and format explanation you requested on Soviet grain storage facilities. [redacted] 25X1

2. The information was derived primarily from a survey of overhead photography from the period 1975-78; although some additions have been made since then, no systematic effort has been made to keep the data base current. The Soviets annually build new grain storage capacity of approximately 4 million metric tons, most of it in grain elevators. While most of this new capacity is at established complexes, some may be at new locations that are not included in our data base. [redacted] 25X1

3. Please address questions to [redacted] Eurasia Branch,

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[redacted]
 Chief, Geography Division
 Office of Global Issues

Attachments:

1. Listing of Grain Storage Data, GI M 83-10225, September 1983 [redacted]
2. Explanation of Listing Format [redacted]
3. Listing of Administrative Codes [redacted]

25X1

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NGA Review Completed.

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SUBJECT: Locations of Grain Storage Facilities in
the USSR [redacted]

25X1

OGI/GD/ERA/[redacted] (14Sep83)

25X1

Distribution:

- 0 - Addressee (w/ all atts)
- 1 - SA/DDCI (w/atts 2&3)
- 1 - Executive Director (w/atts 2&3)
- 1 - DDI (w/atts 2&3)
- 1 - DDI/PES (w/atts 2&3)
- 1 - NIO/USSR-EE (w/atts 2&3)
- 1 - CPAS/ILS (w/atts 2&3)
- 1 - D/OGI (w/atts 2&3)
- 1 - DD/OGI (w/atts 2&3)
- 1 - C/GD (w/atts 2&3)
- 1 - A/C/GD/ERA (w/atts 2&3)
- 8 - OGI/EXS/PG (w/atts 2&3)
- 2 - GD/ERA File (w/all atts)

ATTACHMENT 2 TO GI M 83-10225

Explanation of Listing Format

The print-out contains two separate listings:

- A. Pages 1-4: Summary statistics by administrative; unit subtotals for each republic; totals for the USSR.
 - B. Pages 1-67: Listing of all installations by oblast and/or republic.
- A. Summary statistics by administrative unit.

Explanation of headings:

ADMIN: Administrative unit (See attachment 3.)

Example: |14| |086|
 | | | |
 | | | | Oblast - Odessa
 | | | |
 | | | | Republic - Ukraine

VOL: Volume

Volume of storage capacity in cubic meters. Multiply by .7723 to get metric tons of storage capacity (wheat-equivalent).

LL: Long-Lows

Number of long-low type warehouses located at facilities in the oblast or republic.

SILO: Silo blocks

Number of individual silo blocks located at grain elevators in the oblast or republic.

INSTALLATIONS: Grain storage sites

Number of individual grain storage sites located in the oblast or republic.

GI M 83-10225
September 1983

25X1

SUBJECT: Locations of Grain Storage Facilities in
the USSR [redacted]

25X1

B. List of Installations

Explanation of headings:

ADMIN: As in Part A.

ID: Installation number

Example: |167| |010|
 | | | | Site No. (Arbitrary)
 | | | |
 | | WAC No.

VOL: Volume of storage capacity in cubic meters at the site. Multiply by .7723 to get metric tons of storage capacity (wheat-equivalent).

GEON

Geographic coordinates - North latitude (degrees, min., sec.)

GEOE

Geographic coordinates - East longitude (degrees, min., sec.)

LL

Number of long-lows warehouses at the site.

SILO

Number of silo blocks at the site.

NOTE: If an individual site has neither long-lows nor silo blocks (a zero for both), it has an underground storage bunker. For example, see Admin No. 06126, Site No. 328042. Most bunkers are co-located with above-ground facilities, so this case is unusual.

Five-digit

Administrative Division Codes

for the Soviet Union

(two digits for republic plus
three digits for oblast/krai)

Page 1

UR01 ARMYANSKAYA SSR

- UR02 AZERBAYDZHANSKAYA SSR
- UR02162 NAGORNO-KARABAKHSKAYA AUTONOMOUS OBLAST*
- UR02109 NAKHICHEVANSKAYA ASSR

- UR03 SELORUSSKAYA SSR
- UR03100 BRESTSKAYA OBLAST*
- UR03101 GOMEL'SKAYA OBLAST*
- UR03102 GRODNOVSKAYA OBLAST*
- UR03103 MINSKAYA OBLAST*
- UR03104 MOGILEVSKAYA OBLAST*
- UR03106 VITEBSKAYA OBLAST*

UR04 ESTONSKAYA SSR

- UR05100 GRUZINSKAYA SSR - All Areas other than below*
- UR05111 ABKHAZSKAYA ASSR
- UR05112 ADZHARSKAYA ASSR
- UR05163 YUGO-OSETINSKAYA AUTONOMOUS OBLAST*

25X1

Page 2

UR06 KAZAKHSKAYA SSR
 UR06114 AKTYUBINSKAYA OBLAST'
 UR06115 ALMA-ATINSKAYA OBLAST'
 UR06126 CHIMKENTSKAYA OBLAST'
 UR06116 DZHAMBULSKAYA OBLAST'
 UR06148 DZHEZKAZGANSKAYA OBLAST'
 UR06118 GURYEVSKAYA OBLAST'
 UR06119 KARAGANDINSKAYA OBLAST'
 UR06120 KOKCHETAVSKAYA OBLAST'
 UR06121 KUSTANAYSKAYA OBLAST'
 UR06122 KZYL'ORDINSKAYA OBLAST'
 UR06149 MANGYSHLAKSKAYA OBLAST'
 UR06124 PAVLODARSKAYA OBLAST'
 UR06125 SEMIPALATINSKAYA OBLAST'
 UR06123 SEVERO-KAZAKHSTANSKAYA OBLAST'
 UR06165 TALDY-KURGANSKAYA OBLAST'
 UR06113 TSELINGRADSKAYA OBLAST'
 UR06150 TURGAYSKAYA OBLAST'
 UR06128 URAL'SKAYA OBLAST'
 UR06117 VOSTOCHNO-KAZAKHSTANSKAYA OBLAST'

UR07100 KIRGIZSKAYA SSR - All Areas other than below.
 UR07110 ISSYK-KUL'SKAYA OBLAST'
 UR07140 NARYNSKAYA OBLAST'
 UR07142 OSHSKAYA OBLAST'

UR08 LATVIYSKAYA SSR

UR09 LITOVSKE SSR

UR10 MOLDAVSKAYA SSR

Page 3

- UR11 ROSSIYSKAYA SSR (RSFSR)
- UR11007 ADYGEYSKAYA AUTONOMOUS OBLAST'
- UR11008 AGINSKIY-BURYATSKIY NATIONAL OKRUG
- UR11055 ALTAYSKIY KRAY
- UR11068 AMURSKAYA OBLAST'
- UR11001 ARKHANGEL'SKAYA OSLAST'
- UR11035 ASTRAKHANSKAYA OBLAST'
- UR11049 BASHKIRSKAYA ASSR
- UR11009 BELGORODSKAYA OBLAST'
- UR11010 BRYANSKAYA OBLAST'
- UR11062 SURIATSKAYA ASSR
- UR11042 CHECHENO-INGUSHSKAYA ASSR
- UR11050 CHELYABINSKAYA OBLAST'
- UR11063 CHITINSKAYA OBLAST'
- UR11077 CHUKOTSKIY NATIONAL OKRUG
- UR11011 CHUVASHSKAYA ASSR
- UR11041 DAGESTANSKAYA ASSR
- UR11044 EVENKIYSKIY NATIONAL OKRUG
- UR11012 GOR'KOVSKAYA OBLAST'
- UR11105 GORNO-ALTAYSKAYA AUTONOMOUS OBLAST'
- UR11064 IRKUTSKAYA OBLAST'
- UR11013 IVANOVSKAYA OBLAST'
- UR11043 KABARDINO-BALKARSKAYA ASSR
- UR11002 KALININGRADSKAYA OBLAST'
- UR11014 KALININSKAYA OBLAST'
- UR11161 KALMYTSKAYA ASSR
- UR11015 KALUZHHSKAYA OBLAST'
- UR11160 KAMCHATSKAYA OBLAST'
- UR11159 KARACHAYEVO-CHERKESSKAYA AUTONOMOUS OBLAST'
- UR11158 KAREL'SKAYA ASSR
- UR11056 KEMEROVSKAYA OBLAST'
- UR11069 KHABAROVSKIY KRAY
- UR11127 KHAKASSKAYA AUTONOMOUS OBLAST'
- UR11139 KHANTY-MANSIYSKIY NATIONAL OKRUG
- UR11016 KIROVSKAYA OBLAST'
- UR11003 KOMI ASSR
- UR11141 KOMI-PERMYATSKIY NATIONAL OKRUG
- UR11143 KORYAKSKIY NATIONAL OKRUG
- UR11017 KUSTROMSKAYA OBLAST'
- UR11045 KRASNODARSKIY KRAY
- UR11065 KRASNOYARSKIY KRAY
- UR11057 KURGANSKAYA OBLAST'
- UR11018 KURSKAYA OBLAST'
- UR11036 KUYBYSHEVSKAYA OBLAST'
- UR11004 LENINGRADSKAYA OBLAST'
- UR11019 LIPETSKAYA OBLAST'
- UR11070 MAGADANSKAYA OBLAST'
- UR11020 MARIYSKAYA ASSR

GRANARY
MANUAL D-10

25X1

Page 4

UR11021 MORDOVSKAYA ASSR
 UR11022 MOSCOVSKAYA OBLAST'
 UR11005 MURMANSKAYA OBLAST'
 UR11144 NENETSKIY NATIONAL OKRUG
 UR11023 NOVGORODSKAYA OBLAST'
 UR11058 NOVOSIBIRSKAYA OBLAST'
 UR11059 O'NSKAYA OBLAST'
 UR11051 ORENBURGSKAYA OBLAST'
 UR11024 ORLOVSKAYA OBLAST'
 UR11025 PENZENSKAYA OBLAST'
 UR11052 PERMSKAYA OBLAST'
 UR11071 PRIMORSKIY KRAY
 UR11026 PSKOVSKAYA OBLAST'
 UR11047 ROSTOVSKAYA OBLAST'
 UR11027 RYAZANSKAYA OBLAST'
 UR11072 SAKHALINSKAYA OBLAST'
 UR11037 SARATOVSKAYA OBLAST'
 UR11046 SEVERO-OSETINSKAYA ASSR
 UR11028 SMOLENSKAYA OBLAST'
 UR11048 STAVROPOL'SKIY KRAY
 UR11053 SVERDLOVSKAYA OBLAST'
 UR11029 TAMBOVSKAYA OBLAST'
 UR11039 TATARSKAYA ASSR
 UR11145 TAYMYRSKIY NATIONAL OKRUG
 UR11060 TOMSKAYA OBLAST'
 UR11030 TUL'SKAYA OBLAST'
 UR11066 TUVINSKAYA ASSR
 UR11061 TYUMENSKAYA OBLAST'
 UR11054 UDMURTSKAYA ASSR
 UR11040 UL'YANOVSKAYA OBLAST'
 UR11156 UST'-ORDINSKIY BURYATSKIY NATIONAL OKRUG
 UR11032 VLADIMIRSKAYA OBLAST'
 UR11038 VOLGOGRADSKAYA OBLAST'
 UR11006 VOLOGODSKAYA OBLAST'
 UR11033 VORONEZHSKAYA OBLAST'
 UR11067 YAKUTSKAYA ASSR
 UR11147 YAMALO-NENTSKIY NATIONAL OKRUG
 UR11034 YAROSLAVSKAYA OBLAST'
 UR11167 YEVREYSKAYA AUTONOMOUS OBLAST'

UR12100 TADZHIKSKAYA SSR - ALL AREAS THAN BELOW
 UR12146 GORNO-BADAKHSBANSKAYA AUTONOMOUS OBLAST'
 UR12153 KULYABSKAYA OBLAST'
 UR12152 LENINABADSKAYA OBLAST'

UR13 TURKMENSKAYA SSR
 UR13155 ASHKHABADSKAYA OBLAST'
 UR13156 CHARDZHOUISKAYA OBLAST'
 UR13157 KRASNOVODSKAYA OBLAST'
 UR13151 MARYSKAYA OBLAST'
 UR13168 TASHAUZSKAYA OBLAST'

UR14 UKRAINSKAYA SSR
 UR14073 CHERKASSKAYA OBLAST'
 UR14074 CHERNIGOVSKAYA OBLAST'
 UR14075 CHERNOVITSKAYA OBLAST'
 UR14076 DNEPROPETROVSKAYA OBLAST'
 UR14089 DONETSKAYA OBLAST'
 UR14090 IVANO-FRANKOVSKAYA OBLAST'
 UR14078 KHARKOVSKAYA OBLAST'
 UR14079 KHERSONSKAYA OBLAST'
 UR14080 KHMELNITSKAYA OBLAST'
 UR14081 KIROVOGRADSKAYA OBLAST'
 UR14082 KIYEVSKAYA OBLAST'
 UR14083 KRYMSKAYA OBLAST'
 UR14084 L'VOVSKAYA OBLAST'
 UR14095 LUGANSKAYA OBLAST' Voroshilovgradskaya
 UR14085 NIKOLAYEVSKAYA OBLAST'
 UR14086 ODESSKAYA OBLAST'
 UR14087 POLTAVSKAYA OBLAST'
 UR14088 ROVENSKAYA OBLAST'
 UR14091 SUMSKAYA OBLAST'
 UR14092 TERNOPOL'SKAYA OBLAST'
 UR14093 VINNITSKAYA OBLAST'
 UR14094 VOLYNSKAYA OBLAST'
 UR14096 ZAKARPATSKAYA OBLAST'
 UR14097 ZAPOROZHHSKAYA OBLAST'
 UR14098 ZHITOMIRSKAYA OBLAST'

UR15 UZBEKSKAYA SSR
 UR15129 ANDIZHANSKAYA OBLAST'
 UR15130 BUKHARSKAYA OBLAST'
 UR15169 DZHIZAKSKAYA OBLAST'
 UR15131 FERGANSKAYA OBLAST'
 UR15132 KARA-KALPAKSAYA ASSR
 UR15133 KASHKACAR'INSKAYA OBLAST'
 UR15154 KHOREZMSKAYA OBLAST'
 UR15164 NAMANGANSKAYA OBLAST'
 UR15136 SAMARKANDSKAYA OBLAST'
 UR15137 SURKHANDAR'INSKAYA OBLAST'
 UR15135 SYRDAR'INSKAYA OBLAST'
 UR15138 TASHKENTSKAYA OBLAST'

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GRANARY
MANUAL D-12

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